

Fig. 1A

| | |
|-------|---|
| Mouse | MSSIGTCYDL SASTFSPDGR VFQVEYANKA VENSSTAIGI RCKDGVFCV |
| Human | ----- |
| | EKLVLSKIYE EGSNKRLENV DRHVGMAVAG LLADARSLAD IAREEASNR |
| | ----- |
| | SNFGYNIPK HLADRVANYV HAYTLYSAVR PEGCSFMUGS YSANDGAOLY |
| | ----- |
| | MIDPSGVSYG YWGAIGRAR QAAKTEIEKL ONKEMTCRDV VKEVAKIYYI |
| | ----- |
| | VHDEVKDKAF EELSWVGEL TKGRHEIVPK DIREAEKYA KESLKEEDES |
| | ----- |
| | DDDNM |

Fig. 1C

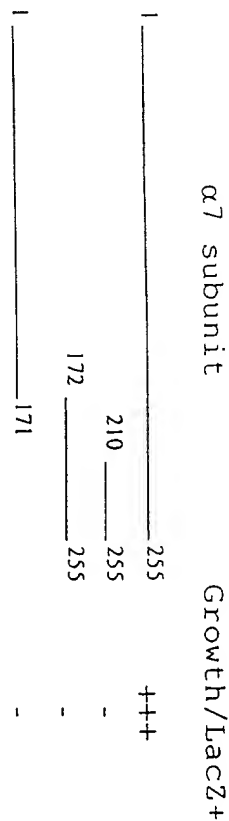


Fig. 1D

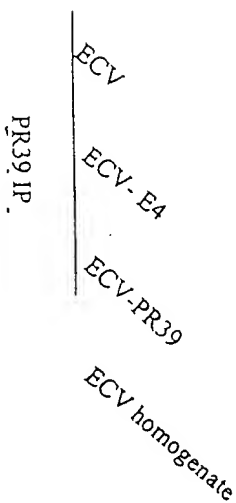


Fig. 1B

| | | |
|---------|----------------------------|------------|
| | C terminal tails | Net Charge |
| alpha 1 | AERD | -1 |
| alpha 2 | A | 0 |
| alpha 3 | KKHEEEAKAEREKEKEKEDK | +1 |
| alpha 4 | EKEKEENEKKKKKAS | +2 |
| alpha 5 | | 0 |
| alpha 6 | EERFQKKAQPAQPADEPAKADPEMEH | -3 |
| alpha 7 | AKESLKEEDESDDNM | -6 |

Fig. 2A

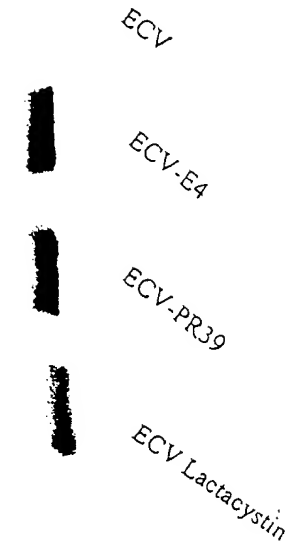


Fig. 2C

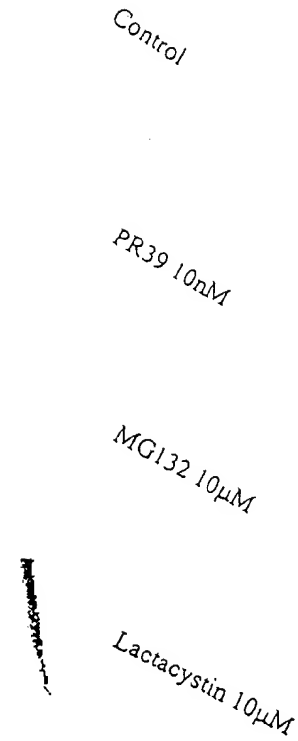


Fig. 2B

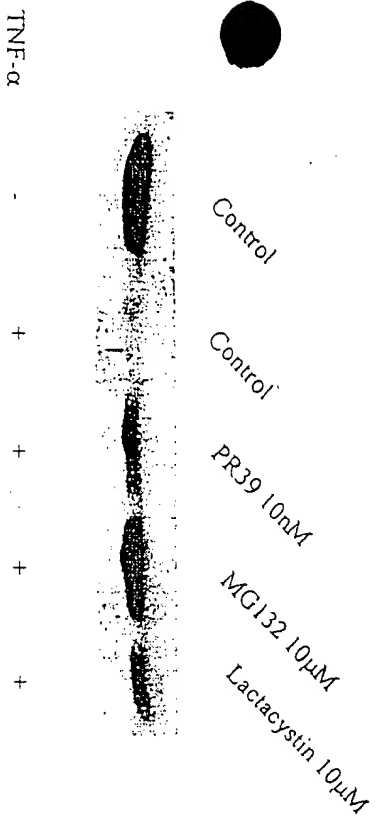


Fig. 2D

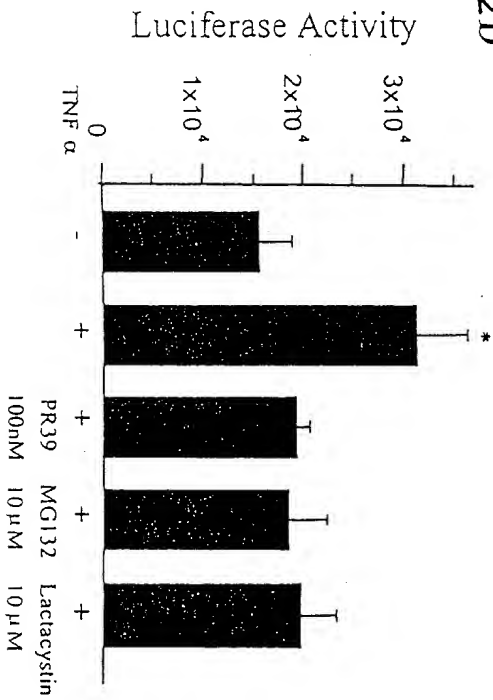


Fig. 3A

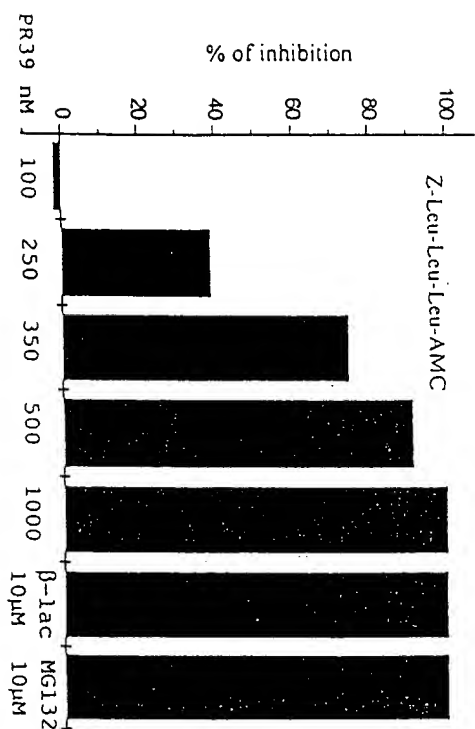


Fig. 3C

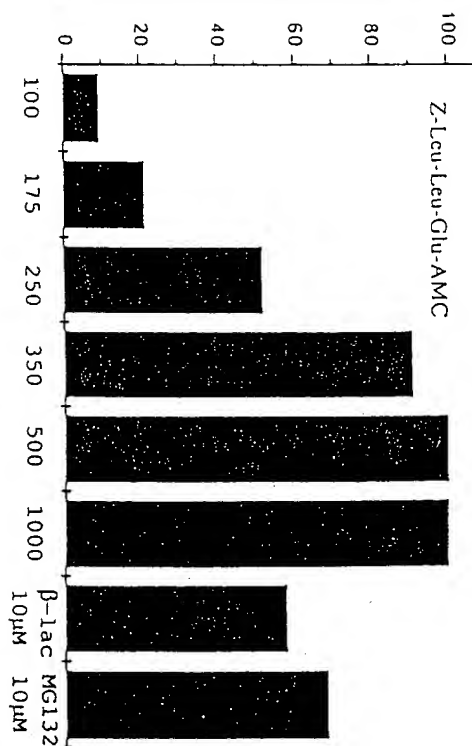


Fig. 3B

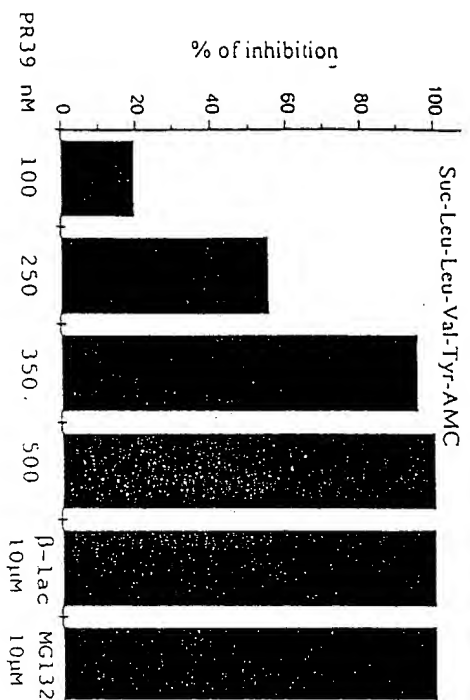


Fig. 3D

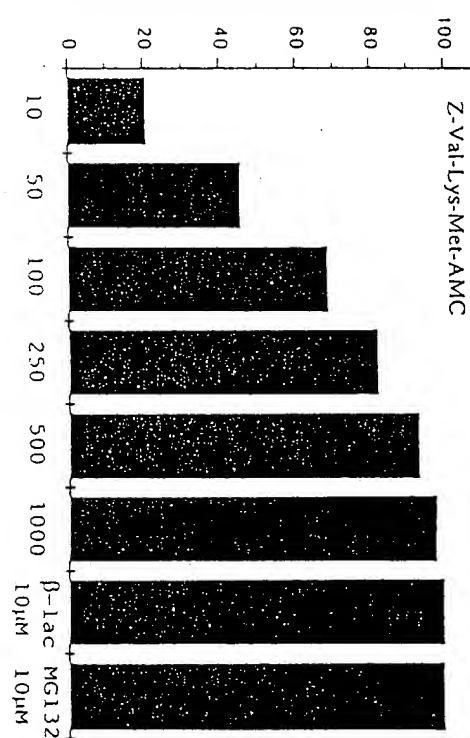


Fig. 4A

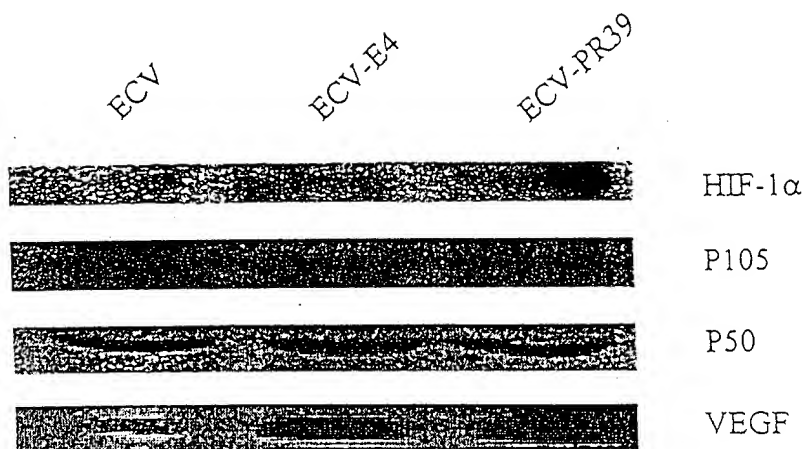


Fig. 4B

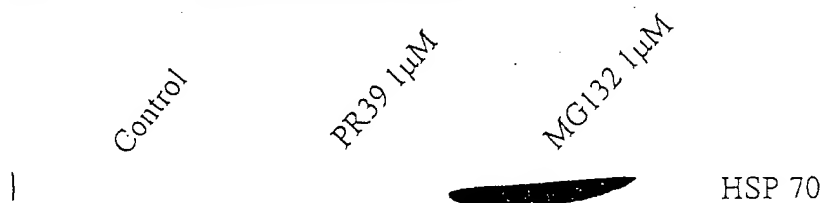
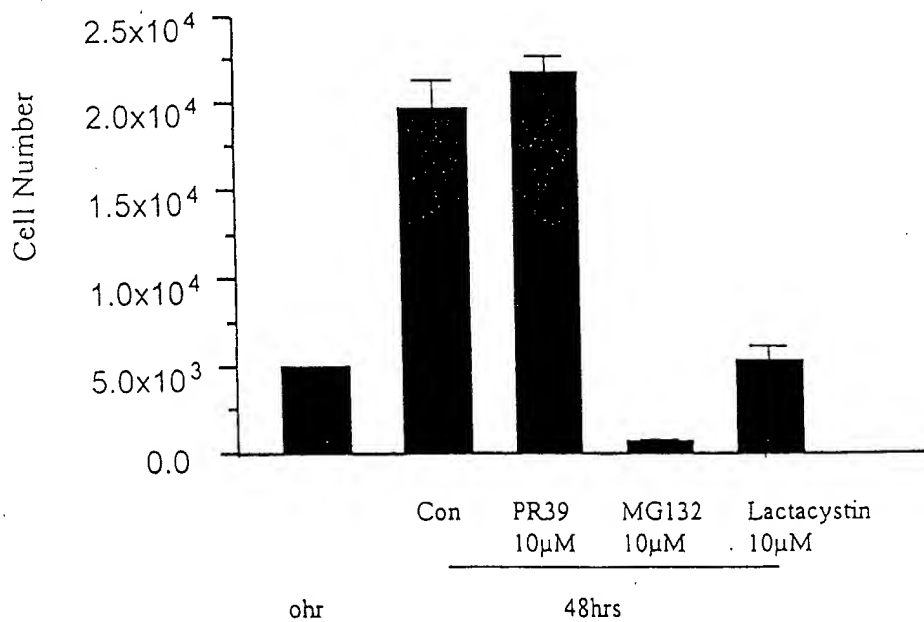


Fig. 4C



Control

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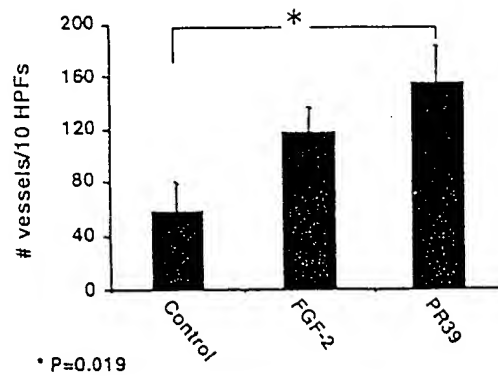
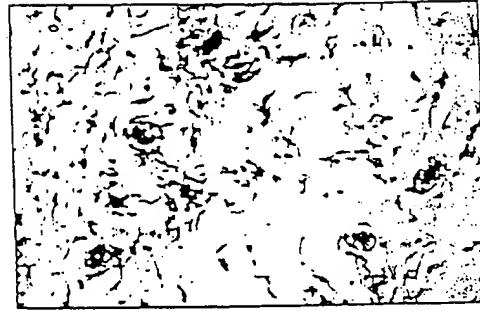


Fig. 5A

Fig. 5C

Fig. 5B

Fig. 6

665207-1092460

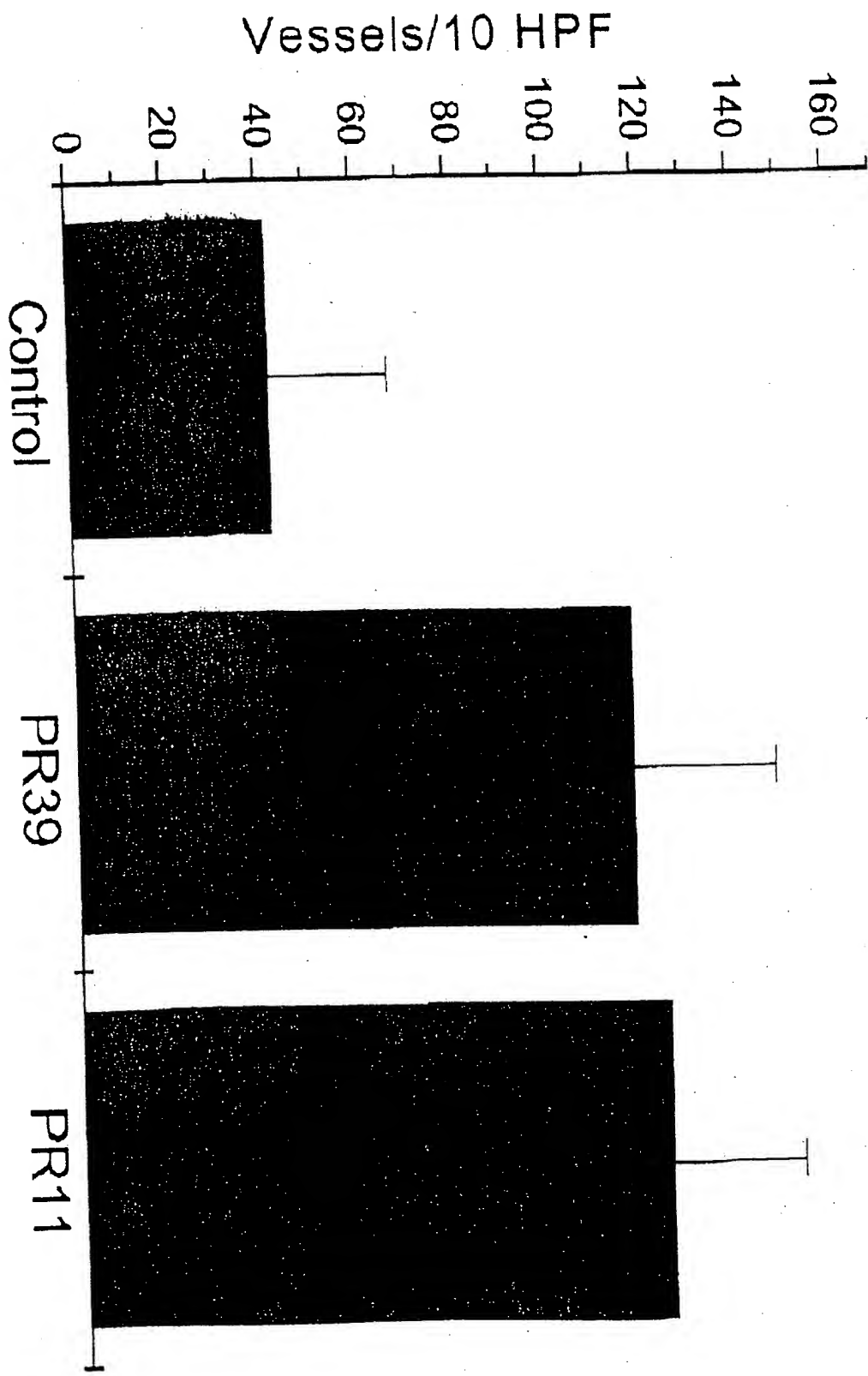


Fig. 7

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